Datagram PLPMTUD for UDP Options

draft-ietf-tsvwg-udp-options-dplpmtud Gorry Fairhurst, Tom Jones

gorry@erg.abdn.ac.uk
tom@erg.abdn.ac.uk

- ➤ Aligned with UDP-Options base spec.
- ➤ Added: UDP datagrams used as DPLPMTUD probes as described in this document **MUST NOT be fragmented** at the UDP layer.
- ➤ Added: Like other UDP options, each of the two option kinds **MUST NOT appear more than once** in each UDP datagram.
- ➤ Clarified: The specification recommends that the **nonce value** in the REQ Option before processing the packet using the DPLPMTUD method. is initialised to a randomised value. This is designed to enhance protection from off-path attacks.
- ➤ Rewrote use of probing with data to be easier to follow

NEXT STEPS

➤ Are we finished?